

ABSTRACT OF THE DISCLOSURE

There is disclosed a transmission device performing NUT setting and its establishment efficiently and precisely. A setting information relay unit relays setting information that places a specific channel out of a channel used for restoration. A channel establishment unit determines, by referring to the setting information, whether a channel of interest should be placed out of a channel for restoration and establish the channel. A route switch control unit recognizes a section in which the channel that is not used for restoration has been established and a fault bypass control condition at the time of occurrence of a fault and performs a route switching control based on a result of recognition.